



May 16, 2003

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Report of Potential Defect per 10-CFR Part 21
Type KLF and KLF-1 Relay

Reference: ABB Initial Notification per 10-CFR Part 21 dated February 24, 2003
Type KLF / KLF-1 Relay

Notification By: ABB Inc.
Substation Automation & Protection
4300 Coral Ridge Drive
Coral Springs, FL 33065

This letter is to notify you of a potential defect concerning our Class 1E type KLF and KLF-1 relay.

ABB Inc. Substation Automation & Protection has been in the process of a "Qualification Verification Program" where seismic qualifications were being performed to assure continued performance of our products.

During the seismic testing of three KLF relays a structural deviation was realized. The deviation was initially communicated July, 2002 and considered to be a potential defect October, 2002.

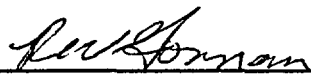
A design change was proposed based on the initial communication, and implemented after seismic testing proved it provided the structural integrity needed. The change involves the addition of a latch to the relay frame.

Further testing of the KLF relays resulted in a ZPA rating of 3.1g whereas our original seismic testing resulted in a ZPA rating of 4.6g.

A modification (latch) kit has been developed and is being provided to our customers that our records indicate have purchased the KLF or the KLF-1 type relay. We are also providing our customers with a copy of the test curves and are requesting a response as to whether the 3.1g rating is acceptable for their application. A replacement type 40 Circuit Shield with a ZPA rating of 6.0g will be offered where the 3.1g is not acceptable.

A copy of the list of customers affected is attached.

Questions concerning this notification letter should be directed to the Technical Support Line at 800-222-1946 or Fax 954-345-5329.



Russ W. Gonnam
Quality Manager



Marilinda Ruiz
ABB Inc. Site Manager

C.I.D. (ABB)	Customer Name & Address	Customer P.O. No. (ABB G.O. No.)	Product Type	Product Style	Class 1E Serial No.(s)
031	ABB Inc. C/O M & M Forwarding Co. 900 Hertel Ave. Buffalo, N.Y. 14216	G4569053	KLF	1342D88A02	9794
177	ABB Power T & D Co. Inc. P.O. Box 100524 2300 Mechanicsville Hwy. Florence, S.C. 29501-0524 Attn. Tom Woodfin	PC03203	KLF	1342D88A02	11309
171	ABB Power T & D Co. Inc. 655 Century Point Lake Mary, FL. 32746	P500542-00 (PH61565-N1-A) " P961411	KLF " " "	1342D88A01 " " "	10300 Thru 10303 8486A 8487 9965 & 9966
005	Beloit Power Systems 555 Lawton Ave. Beloit, WI. 53511	01606 (RK43560-N1-6) 31041 33849	KLF " " "	1342D73A01 1342D88A01 " "	6494 & 6495 7496 Thru 7499 7540 & 7541 7572
070	Entergy 5485 U.S. Hwy. 61 St. Francisville, LA. 70775	RB971591-001 RBR90425 Rev. 001	KLF "	1342D88A01A "	10650 8487
125	Hans De Haan ABB 200 Chisolm Drive Milton, Ontario Canada L9T5E7	(CARG66269-N1-99) (CALL68454-N1-01)	KLF "	1342D88A02 "	7733 8668 & 8669
051	Vermont Yankee Nuclear Power Corp. Attn: Walt Lee P.O. Box 157 Vernon, VT. 05354	97-15944-00 97-15944-00 Rev. 3	KLF "	1342D88A01A "	10654 10659
016	Wesco 1 Wesco Drive Murrysville, PA. 15668	SFD50659	KLF	1342D88A01	10028 & 10029
001	Wesco 1640 Golden Mile Hwy. Monroeville, PA. 15146	(WWW19569-N1-15) (WWW20264-N1-18) (CALG59364-N1-1)	KLF " "	1342D88A01 " 1342D88A02	8920 & 8921 9067 & 9068 8954
148	Duke Energy Corp. Oconee Nuclear Station Seneca, S.C. 29672	ON33768 ON35577 ON37581	KLF-1 " "	1342D89A03 1342D89A04 "	10843A Thru 10845A 10887 Thru 10889 10895